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1: Nie G, Findlay JK, Salamonsen LA. Related Articles, Links

Identification of novel endometrial targets for contraception.
Contraception. 2005 Apr;71(4):272-81.
PMID: 15792646 [PubMed - in process]

2: De Luca A, De Falco M, De Luca L, Penta R, Shridhar V, Baldi F, Campioni M, Paggi MG, Baldi A. Related Articles, Links

Pattern of expression of HtrA1 during mouse development.
J Histochem Cytochem. 2004 Dec;52(12):1609-17.
PMID: 15557215 [PubMed - indexed for MEDLINE]

3: Tocharus J, Tsuchiya A, Kajikawa M, Ueta Y, Oka C, Kawaichi M. Related Articles, Links

Developmentally regulated expression of mouse HtrA3 and its role as an inhibitor of TGF-beta signaling.
Dev Growth Differ. 2004 Jun;46(3):257-74.
PMID: 15206957 [PubMed - indexed for MEDLINE]

4: De Luca A, De Falco M, Severino A, Campioni M, Santini D, Baldi F, Paggi MG, Baldi A. Related Articles, Links

Distribution of the serine protease HtrA1 in normal human tissues.
J Histochem Cytochem. 2003 Oct;51(10):1279-84.
PMID: 14500695 [PubMed - indexed for MEDLINE]

5: Nie GY, Hampton A, Li Y, Findlay JK, Salamonsen LA. Related Articles, Links

Identification and cloning of two isoforms of human high-temperature requirement factor A3 (HtrA3), characterization of its genomic structure and comparison of its tissue distribution with HtrA1 and HtrA2.
Biochem J. 2003 Apr 1;371(Pt 1):39-48.

PMID: 12513693 [PubMed - indexed for MEDLINE]

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AN   2004:387286  CAPLUS
DN   140:400039
TI   Apoptosis inducer
IN   Horikoshi, Kenichi; Kitahara, Osamu; Watanabe, Takahiro;
Taniyama, Yoshio;
     Nishizawa, Satoru
PA   Takeda Chemical Industries, Ltd., Japan
SO   PCT Int. Appl., 124 pp.
     CODEN: PIXXD2
DT   Patent
LA   Japanese
FAN.CNT 1
     PATENT NO.          KIND   DATE        APPLICATION NO.
DATE
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PI   WO 2004039407        A1    20040513    WO 2003-JP13920
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JP 2004248668 A2 20040909 JP 2003-369723 20031030
PRAI JP 2002-320075 A 20021101
JP 2003-17892 A 20030127
AB It is intended to provide an apoptosis inducer or the like containing a compound or its salt inhibiting the activity of a protein having an amino acid, which is the same or substantially the same as the amino acid sequence of HTRA3, its peptide fragment or a salt thereof or the expression of the gene thereof.

L3 ANSWER 2 OF 3 CAPLUS COPYRIGHT 2005 ACS on STN
AN 2004:927825 CAPLUS
DN 142:293408
TI Human HtrA proteases
AU Dingwall, Colin; Holbrook, Joanna D.
CS Alzheimer's Disease Research Department, Neurology & GI CEDD, GlaxoSmithKline, Harlow, CM19 5AW, UK
SO Handbook of Proteolytic Enzymes (2nd Edition) (2004), Volume 2, 1476-1480.
Editor(s): Barrett, Alan J.; Rawlings, Neil D.; Woessner, J. Fred.
Publisher: Elsevier, London, UK.
CODEN: 69GAQF; ISBN: 0-12-079610-4
DT Conference; General Review
LA English
AB A review. The human HtrA serine proteases (HtrA1-HtrA4) show extensive homol. to the Escherichia coli HtrA (high-temperature requirement) protease, also known as DegP, which is active in the periplasm of the bacterium and is essential for bacterial tolerance of thermal, osmotic and oxidative stress. The bacterial protein has the interesting property of acting as a mol. chaperone at reduced temperature but acting as a protease at elevated temps. The history, activity, specificity, protein structure, structural chemical, preparation, and biol. aspects of HtrA proteases are briefly discussed.
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L3 ANSWER 3 OF 3 MEDLINE on STN DUPLICATE 1
AN 2003132094 MEDLINE

DN PubMed ID: 12513693
TI Identification and cloning of two isoforms of human high-temperature
requirement factor A3 (HtrA3), characterization of its genomic structure
and comparison of its tissue distribution with HtrA1 and HtrA2.
AU Nie Gui-Ying; Hampton Anne; Li Ying; Findlay Jock K; Salamonsen Lois A
CS Prince Henry's Institute of Medical Research, P.O. Box 5152, 246 Clayton
Road, Clayton, Victoria 3168, Australia..
guiying.nie@med.monash.edu.au
SO Biochemical journal, (2003 Apr 1) 371 (Pt 1) 39-48.
Journal code: 2984726R. ISSN: 0264-6021.
CY England: United Kingdom
DT Journal; Article; (JOURNAL ARTICLE)
LA English
FS Priority Journals
EM 200305
ED Entered STN: 20030321
Last Updated on STN: 20030523
Entered Medline: 20030522
AB In the present study, we identified an additional member of the human
high-temperature requirement factor A (HtrA) protein family, called
pregnancy-related serine protease or HtrA3, which was most highly
expressed in the heart and placenta. We cloned the full-length sequences
of two forms (long and short) of **human HtrA3** mRNA,
located the gene on chromosome 4p16.1, determined its genomic structure
and revealed how the two mRNA variants are produced through alternative
splicing. The alternative splicing was also verified by Northern
blotting. Four distinct domains were found for the long form HtrA3
protein: (i) an insulin/insulin-like growth factor binding domain, (ii) a
Kazal-type S protease-inhibitor domain, (iii) a trypsin protease domain
and (iv) a PDZ domain. The short form is identical to the long form
except it lacks the PDZ domain. Comparison of all members of human HtrA
proteins, including their isoforms, suggests that both isoforms of HtrA3
represent active serine proteases, that they may have different substrate
specificities and that HtrA3 may have similar functions to HtrA1. All
three HtrA family members showed very different mRNA-expression patterns

in 76 human tissues, indicating a specific function for each.
Interestingly, both HtrA1 and HtrA3 are highly expressed in the placenta.
Identification of the tissue-specific function of each HtrA family member
is clearly of importance.

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